

Mineral Industry Surveys

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GYPSUM IN JULY 2005

Producers mined 1.58 million metric tons (Mt) of gypsum in July 2005 (table 1). Output was slightly less than that of June 2005 and slightly more than that of July 2004. Synthetic gypsum production was 816,000 metric tons (t) in July 2005 (table 1), which was slightly more than that of June 2005, and 5% more than that of July 2004. Both mined and synthetic gypsum are used as raw material for wallboard. The wallboard industry is the largest domestic consumer of gypsum. During January through June 2005 synthetic gypsum accounted for 4.49 Mt, or about 24%, of the 18.5-Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 668,000 t (table 2), 2% less than that of June 2005 and 2% less than that of July 2004.

Output of calcined gypsum for July (table 1) was 2.12 Mt, about the same as that of June 2005 and 13% more than that of July 2004. Sales of board products were about 2.9 billion

square feet (269 million square meters), 11% less than that of June 2005 and 2% more than that of July 2004.

U.S. Government import and export data for July 2005 were not available at the time of publication. According to the U.S. Census Bureau, imports of crude gypsum in June 2005 were 972,000 t (table 3), 2% less than that of May 2005 and 4% more than that of June 2004. Gypsum wallboard imports, principally from Mexico, for June 2005 were 63,000 t, equivalent to 76 million square feet (7.0 million square meters). These imports were 13% more than that of May 2005 and 24% more than that of June 2004. Wallboard exports to 26 countries and territories in June 2005 were 6,000 t, equivalent to 7.2 million square feet (668,000 square meters). These exports were 14% less than those of May 2005 and 3% more than those of June 2004.

All percentages in this report were computed based on unrounded data.

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2005			2004
	July	June	January-July	January-July
Crude:				
Mined ³	1,580,000	1,620,000	10,400,000	9,590,000
Imported ⁴	NA	972,000	NA	5,730,000
Exported ⁴	NA	9,610	NA	86,300
Synthetic gypsum ⁵	816,000	803,000	5,300,000	5,020,000
Total supply	NA	3,380,000	NA	20,300,000
Calcined:				
Produced	2,120,000	2,120,000	14,000,000	12,100,000
Imported ⁶	NA	409	NA	2,810
Exported ⁶	NA	13,100	NA	233,000
Total supply	NA	2,100,000	NA	11,900,000

NA Not available.

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Some data were estimated from semiannual reports.

⁴Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁵Reported production only.

⁶Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE^{1, 2}

(Metric tons, unless otherwise specified)

	2005			2004
	July	June	January-July	January-July
Uncalcined: ³				
Portland cement	420,000	414,000	2,270,000	2,260,000
Agriculture and miscellaneous	249,000	269,000	1,560,000	1,040,000
Total	668,000	683,000	3,830,000	3,300,000
Calcined:				
Board products ⁴	2,410,000	2,700,000	17,200,000	16,600,000
Plaster	12,800	14,000	94,700	97,100
Total	2,430,000	2,710,000	17,300,000	16,700,000
Board products: (Thousand square feet) ⁵				
Regular board	1,780,000	1,970,000	12,700,000	12,100,000
Type X board	850,000	978,000	6,090,000	5,930,000
Other	263,000	292,000	1,930,000	1,820,000
Total supply	2,900,000	3,240,000	20,700,000	19,900,000

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Does not include synthetic gypsum from electric power plants.

⁴Includes weight of paper and other materials.

⁵One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2005			2004
	June	May	January-June	January-June
Austria	--	--	--	8
Bahrain	--	--	7	--
Canada	678,000	686,000	3,660,000	3,220,000
China	--	--	16	41,300
Costa Rica	--	--	--	53
Denmark	15	--	15	--
Dominica	--	--	2	--
Dominican Republic	28,300	6,550	94,000	71,300
France	--	17	17	--
Germany	--	--	60	--
Italy	--	1	1	26,900
Jamaica	21,500	--	43,100	19,200
Mexico	231,000	220,000	1,220,000	1,010,000
Peru	--	--	80	--
Spain	14,200	82,200	342,000	327,000
Sweden	--	40	40	--
United Kingdom	--	--	--	21
Total	972,000	994,000	5,360,000	4,720,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES^{1,2}

(Thousand metric tons)

Period	Consumption ³	Production ⁴	Imports ⁵	Exports ⁵
2004:				
July	2,570	1,580	1,010	14
August	2,240	1,520	735	9
September	2,220	1,390	835	12
October	2,400	1,460	954	14
November	2,360	1,460	920	13
December	2,420	1,480	958	14
January-December	26,900	16,900	10,100	149
2005:				
January	2,220	1,460	770	14
February	2,190	1,460	755	17
March	2,400	1,470	964	27
April	2,320	1,420	909	12
May	2,800	1,820	994	11
June	2,580	1,620	972	10
July	NA	1,590	NA	NA

NA Not available.

¹Excludes synthetic gypsum.

²Data are rounded to no more than three significant digits.

³Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

⁴Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvass of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

⁵Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS^{1,2}

(Thousand square feet)³

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2005:											
July:											
Veneer base	23,100	1,670	8,110	753	8,340	53	24	217	1,020	52	43,300
Sheathing	2,100	5,970	6,980	5,740	16,700	2,750	13,500	7,230	9,580	1,010	71,500
Regular gypsum board	34,700	133,000	198,000	110,000	538,000	126,000	229,000	181,000	213,000	22,000	1,780,000
Type X gypsum board	24,600	82,500	112,000	64,900	138,000	30,800	88,000	107,000	195,000	6,940	850,000
Predecorated board	259	850	267	437	1,060	284	1,060	333	566	34	5,150
5/16 Mobile home board	--	724	3,390	--	8,580	8,340	5,400	100	635	--	27,200
Water/moisture resistant board	4,810	19,600	13,400	6,370	26,800	4,580	10,800	10,100	16,300	3,160	116,000
Total	89,600	244,000	343,000	188,000	737,000	172,000	348,000	306,000	436,000	33,200	2,900,000
January- July:											
Veneer base	177,000	15,700	52,300	5,430	64,800	199	315	1,810	9,640	289	327,000
Sheathing	9,780	30,600	34,900	41,100	111,000	19,700	82,400	43,500	62,100	7,700	442,000
Regular gypsum board	289,000	999,000	1,500,000	785,000	3,790,000	875,000	1,530,000	1,290,000	1,440,000	219,000	12,700,000
Type X gypsum board	188,000	602,000	846,000	462,000	1,040,000	220,000	624,000	754,000	1,300,000	47,800	6,090,000
Predecorated board	2,070	4,490	6,390	3,030	9,030	2,460	6,250	2,370	4,110	291	40,500
5/16 Mobile home board	--	4,260	30,100	--	67,800	82,100	42,700	998	4,430	77	232,000
Water/moisture resistant board	37,100	140,000	102,000	43,800	193,000	33,600	76,600	69,200	112,000	25,900	833,000
Total	703,000	1,790,000	2,570,000	1,340,000	5,280,000	1,230,000	2,360,000	2,160,000	2,940,000	301,000	20,700,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

³One square meter equals 10.78 square feet.

Source: Gypsum Association.